



Joint Environmental Surveillance Working Group

Presented to Armed Forces
Epidemiological Board
21 June 2005



Joint Environmental Surveillance Working Group Agenda

- Background
- Mission
- Membership
- Objectives
- Subgroups
- Activities and Products
- Current OEHS Issues



Joint Environmental Surveillance Working Group Background

- Formed at the direction of the Joint Preventive Medicine Policy Group Oct 97 to:
 - Review, develop, and recommend functional aspects of environmental surveillance policy.
- Working Group Duration
 - Originally chartered thru FY 99, with the option to continue, if needed at the direction of the Joint Preventive Medicine Policy Group
 - Realignment under DASD (FHP&R) proposed 2004
 - Current Charter signed 27 Dec 2004
- JESWG is advocacy group for OEHS
- JESWG provides focus for OEHS priority issues/actions



Joint Environmental Surveillance Working Group Mission

- Review, develop, and recommend DoD-wide deployment occupational and environmental health surveillance (OEHS) policy
- Promote interoperability among Service component deployment occupational and environmental health programs.
- Act as forum for deployment OEHS information exchange
- Serve as an advisory body within the office of the Secretary of Defense and the Force Health Protection Council.



Joint Environmental Surveillance Working Group Membership

- **Current Executive Membership:**
 - US Army Center for Health Promotion and Preventive Medicine
 - US Air Force Institute for Operational Health
 - US Navy Environmental Health Center
 - Joint Staff Surgeon Representative
 - US Army Surgeon General Representative
 - US Air Force Surgeon General Representative
 - US Navy Surgeon General Representative
 - DASD (FHP&R) Representative
 - DUSD (I&E) (ER&S) Representative

Joint Environmental Surveillance Working Group

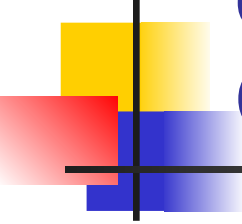
Participants

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- Combatant Commands
 - US SOCOM
 - US CENTCOM
 - US PACOM
 - US JFCOM
 - US SPACECOM
 - US EUCOM
 - US NORTHCOM
 - DASD-Force Health Protection & Readiness
 - TRICARE MHS - DOEHRS
 - USAF Surgeon General - Office
 - USA Surgeon General - POPM
 - Armed Forces Institute of Pathology
 - Uniformed Services University of Health Sciences
 - Marine Corps Systems Command
 - Naval Sea Systems Command
 - USA TRADOC
 - USAF Research Laboratory
 - Naval Health Research Center
 - USA Tank Automotive Research, Development & Engineering Ctr
 - USA Center for Environmental Health Research.
 - USA Medical Department Center and School
 - US Army Engineer School - DEI
 - US Air Force Institute for Operational Health
 - Allied Partners
 - Canada
 - United Kingdom
 - Others
 - Dept of Veterans Affairs
 - CDC-NCEH



Joint Environmental Surveillance Working Group Objectives

- Review joint deployment occupational and environmental health surveillance (OEHS) programs and policies.
- Develop white papers and documents on selected joint deployment OEHS issues.
- Advise the DASD(FHP&R) on joint deployment OEHS issues.
- Recommend uniform joint policy on deployment
 - OEHS as appropriate.
 - health risk-based exposure guidance as appropriate.
- Recommend
 - joint doctrine and training to satisfy deployment OEHS needs.
 - manpower and equipment needs to satisfy deployment OEHS needs.



Joint Environmental Surveillance Working Group

Objectives (Continued)

- Recommend
 - Research priorities relevant to military deployment OEHS.
 - In coordination with the Armed Forces Medical Intelligence Center, joint deployment occupational and environmental health intelligence requirements.
- Serve as an information and coordination exchange forum for joint deployment OEHS issues.
- Review and update, at least annually, the status of all open JESWG recommendations.
- Provide a representative to the Joint Preventive Medicine Policy Group.



Joint Environmental Surveillance Working Group Subgroups

- Joint Medical Field Water Subgroup;
- Joint Preventive Medicine Equipment Subgroup; and
- Tri-Service Laboratory Subgroup.



Joint Environmental Surveillance Working Group Subgroups

- Joint Medical Field Water Subgroup
 - Chartered 21 April 2005
 - Research field drinking water issues affecting the health of deployed forces and recommend solutions to the JESWG and Joint Preventive Medicine community



Joint Environmental Surveillance Working Group Subgroups

- Joint Preventive Medicine Equipment Subgroup
 - Chartered 21 April 2005
 - Identify and research equipment, sets, kits, and outfits (SKO) issues affecting the health of deployed forces and recommend solutions to the JESWG and joint Preventive Medicine community



Joint Environmental Surveillance Working Group Subgroups

- Tri-Service Laboratory Subgroup
 - Chartered 21 April 2005
 - Identify and research laboratory issues affecting the health of deployed forces and recommend solutions to the JESWG and joint Preventive Medicine community



Joint Environmental Surveillance Working Group Activities

- JFCOM JHSIPM IPT input - Ongoing
- Developed USCENTCOM OEHS Campaign Plan - Oct 02
- Developed JESWG Website on DENIX DoD Website-Apr 03
- Quarterly Meetings
 - All minutes posted to <https://www.denix.osd.mil/denix/DOD/Working/JESWG/jeswg.html>
- Developed PM OEHS Capabilities Catalog - May 03



Joint Environmental Surveillance Working Group Activities

- JESWG Strategic Action Plan updates – May 05
- Coordinated Service input into DoDI 6490.3 Revision – Sep 03
- OIF Lessons Learned Survey –June 03 –April 04
- Deployment OEHS Gap Analysis – Mar 04
- Army Medical Detachment Preventive Medicine Requirements And Capabilities Review – Feb 05
- Joint Occupational and Environmental Health Surveillance Policy Requirements Review – Feb 05



Joint Environmental Surveillance Working Group Activities (continued)

- OEHS White Paper (June 2002) developments
 - Accepted as visionary statement by JPMPG
 - DASD(FHP&R) accepted & used as roadmap
 - Elements incorporated in DASD (FHP&R) Business Plan
 - OSD/DASD(FHP&R) developed memo on OEHS S&T
 - Improved sampling & analysis and equipment
 - Biomarkers
 - Individual exposure monitoring & documentation
 - Chemical hazard assessment models
 - JESWG development of DoD Risk Communication manual
 - DoD biomonitoring policy memorandums (DU, Lead)
 - OSD/USD(P&R) memo on improved OEHS reporting & archiving
 - AMEDD C&S incorporated concepts into FM 4-02



Joint Environmental Surveillance Working Group Activities (continued)

- Operation Iraqi Freedom Lessons Learned Survey – Sep 03
- Developed ASTM Deployment EH Site Assessment Standard – Jul 03
- Established JESWG Sub Groups
 - Joint Medical Field Water Sub Group
 - Tri Service Laboratory Sub Group
 - Joint PM Equipment Sub Group



Joint Environmental Surveillance Working Group Activities (continued)

- Joint Medical Field Water Sub Group
 - Initiated revision to TB MED 577
 - Contaminants of Concern List
 - evaluate field testability; field equipment adequacy; exposure limits; adequacy of lab methods; and ROWPU treatment efficiencies
 - Emergency Individual Water Treatment Device Test Protocol
 - No existing testing or certification of national stock number or GSA-approved commercial off-the-shelf water purifiers used by individual soldiers to provide emergency treatment of field water supplies.



Joint Environmental Surveillance Working Group Activities (continued)

- Tri Service Laboratory Sub Group
 - Sharing Laboratory Resources
 - Laboratory Capabilities Compendium
 - DOEHS IH Integration of Laboratory Analytical Methods
 - Electronic Data Quality
 - Method Development
 - Electronic Data Delivery Standard Format
 - Barcoding Laboratory Samples



Joint Environmental Surveillance Working Group Activities (continued)

- Joint PM Equipment Sub Group
 - Tri-Service Hapsite/HazMatID Basic Course
 - USA Chem School Host
 - USN, CBIRF & Canadian Forces
 - JPMESG Website
 - PAT Round Program
 - HAPSITE Troubleshooting Database
 - Chemical Detection, Sampling, & Analysis Systems Development



Joint Environmental Surveillance Working Group Issues

- OEHS Information management
 - Reporting
 - Archiving
 - Declassification
- Tracking personnel
- Linking exposures with location and personnel
- Medical Record Standardization of Occupational Exposures



Joint Environmental Surveillance Working Group Current JESWG Products

- Deployment OEHS IM/IT Functional Requirements
- OEHS White Paper
 - Used by OSD for developing OEHS roadmap
 - Used by Services for developing operational concepts & policy gap analysis
- USCENTCOM OEHS Campaign Plan
 - For incorporation into Annex Q
- Inventory of Services' OEHS capability
 - For use by medical planners
- Operation Iraqi Freedom OEHS Lessons Learned Survey
 - For use by medical planners, JESWG members, Services
- Occupational and Environmental Health Surveillance Military Policy Gap Analysis
- JESWG Website
 - For use by Service OEHS communities
- Army Medical Detachment Preventive Medicine Requirements And Capabilities Review (Subgroup use)
- Joint Occupational and Environmental Health Surveillance Policy Requirements Review (Subgroup Use)